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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Jong-Haeng Lee

DOCKET: 8021-46 (SS-15017-US)

SERIAL NO.: 09/867,971

GROUP ART UNIT: 2634

FILED: May 30, 2001

EXAMINER: Perilla, Jason M.

FOR: **PHASE LOCKED LOOP INCLUDING CONTROL CIRCUIT  
FOR REDUCING LOCK-TIME**

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AUG 27 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2600

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In response to the Office Action dated July 20, 2004, Applicant provisionally elects the claims (i.e., claims 1-8) relating to the species of the first embodiment (i.e., figures 3 and 4) with traverse.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 19, 2004.

Dated: August 19, 2004

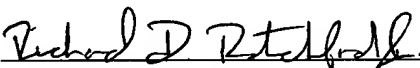
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While the species of the first and second embodiments may be distinct as set forth by the Examiner, Applicant believes that simultaneous examination will not present an undue burden. For example, the claims of the species of the first embodiment are directed to a phase locked loop including, inter alia, a control circuit formed using gate logic, and the claims of the species of the second embodiment are directed to a phase locked loop including, inter alia, a control circuit formed using inverters and flip flops.

Further, restriction of election of species is required if an application contains claims directed to more than a reasonable number of species. See, 37 C.F.R. § 1.146. Here, the Examiner has identified two species. Under such circumstances, the Examiner is encouraged to maintain all claims in the same application. See, MPEP § 803.

Early and favorable consideration of the application is earnestly solicited.

Respectfully submitted,

By:   
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